IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Box PATENT APPLICATION Assistant Commissioner for Patents Washington, D.C. 20231

NEW APPLICATION TRANSMITTAL

Transmitted herewith for filing is the application of

Inventor(s):

SCHUMACHER et al.

For: PROCESS AND DEVICE FOR DETERMINING THE ACTIVITY OF ENZYMES IN LIQUIDS, OR THE

CONCENTRATION AND/OR ACTIVITY OF INHIBITORS IN LIQUIDS

1. Type of Application

This new application is for a(n)

☐ Continuation-In-Part (C-I-P)

(check one applicable item below)	I hereby certify that this pape is being deposited with the United States
☐ Original	Postal Service as Express Mail in ar envelope addressed to: Assistant Commissioner fo
☐ Design	Patents, Washington, D.C. 20231 on this date. 5-21-97 // Manual Stands
☐ Plant	Express Mail Label No.
☐ Divisional	
⊠ Continuation	

- 2. Benefit of Prior U.S. Application(s) (35 U.S.C. 119(e), 120 or 121)
 - The new application being transmitted claims the benefit of prior U.S. application; USSN 08/793,833). Enclosed are ADDED PAGES FOR NEW APPLICATION TRANSMITTAL WHERE BENEFIT OF PRIOR U.S. APPLICATION(S) CLAIMED.
- 3. Papers Enclosed That Are Required for Filing Date under 37 C.F.R. 1.53(b) (Regular) or 37 C.F.R. 1.153 (Design) Application
- 15 Pages of specification
- 4 Pages of claims
- 1 Pages of Abstract
- 5 Sheets of drawing(s)

 - ☑ informal

A

(complete	the	following	if	applicable)	
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			closed drawing(s) are photograph(s), and there is also attached a PETITION TO ACCEPT DGRAPH(S) AS DRAWING(S) (37 C.F.R. 1.84(b).				
4.	Additio	onal pap	ers enclosed				
	×	Prelimi	nary Amendment				
	Ø	Inform	ation Disclosure Statement (37 C.F.R. 1.98)				
	D)	Form F	PTO-1449 (PTO/SB/08A and 08B)				
		Citatio	ns				
		Verifie	d Statement Claiming Small Entity Status (copy)				
		Declar	ation of Biological Deposit				
			ssion of "Sequence Listing," computer readable copy and/or amendment ling thereto for biotechnology invention containing nucleotide and/or amino acid nce.				
		Author	rization of Attorney(s) to Accept and Follow Instructions from Representative				
		Specia	l Comments				
		Other:	Notification of Filing of Continuing or Divisional Application (for parent application)				
5.	Declar	Declaration or Oath					
	×	Enclos	ed (copy)				
		Execut	red by				
			(check all applicable boxes)				
		\boxtimes	inventor(s)				
			legal representative of inventor(s) (37 CFR 1.42 or 1.43)				
			joint inventor or person showing a proprietary interest on behalf of inventor who refused to sign or cannot be reached				
			☐ This is the petition required by 37 CFR 1.47 and the statement required by 37 CFR 1.47 is also attached. See item 13 below for fee.				
		Not en	closed.				
			ation is made by a person authorized under 37 C.F.R. 1.41(c) on behalf of <i>all</i> the named inventor(s)				
		☐ Sho	wing that the filing is authorized.				
		(not	required unless called into question. 37 CFR 1.41(d))				
6.	Invent	orship S	Statement				

The inventorship for all the claims in this application are:

 \boxtimes The same.

	Not the same. An elast claimed invention		ownership of the various claims	s at the time the
	\square is submitted.			
	☐ will be submitted	l .		
7.	Language			
⊠ į	English			
□	Non-English			
	☐ The attached tra	nslation is a verified trans	lation (37 C.F.R. 1.52(d)).	
8.	Assignment			
	An assignment of the	ne invention to		
	☐ is attached		R SHEET FOR ASSIGNMEN [™] ICATION or □ FORM PTO-1595	
	□ will follow.			
9.	Certified Copy			
Certif	ied copy(ies) of the ap	oplication(s)		
(Cour	ntry)	(Appln. No.)	(Filed)	
(Cour	the ch	(Appln. No.)	(Filed)	
(Cour	iu y <i>j</i>	(πρριπ. Νο.)	(Filed)	
(Cour	ntry)	(Appln. No.)	(Filed)	
from	which priority is claim	ed		
	\square is (are) attached.			
	☐ will follow.			

10. Fee Calculation (37 C.F.R. 1.16)

A.

Regular application

			CLAIMS AS F	ILED			
Number	filed	ſ	Number Extra		Rate	Basic Fe 37 C.F.R. 1 \$760.0	16(a)
Total Claims (37 (1.16(c)	CFR ·	12- 20 =	0	x	\$18.00		
Independent Claims (37 (1.16(b)		- 3 =	0	x	\$78.00		
Multiple depend claim(s), if any 1.16(d))				+	\$260.00		
□ Fee	endment dele for extra clai	ting multiple	claims is enclos e-dependencies eing paid at this	is encl		Calculation	\$ <u>760.00</u>
B. Desig (\$310)	endment dele for extra clai n application .00 37 CFR	ting multiple ms is not be	e-dependencies	is encl	Filing Fee Filing	Fee Calculation	\$
☐ Fee B. ☐ Desig (\$310) C. ☐ Plant (\$480)	endment dele for extra clain n application .00 37 CFR application	ting multiple ms is not be 1.16(f)	e-dependencies	is encl	Filing Fee Filing		\$
☐ Fee B. ☐ Desig (\$310) C. ☐ Plant (\$480) 1. Small	endment deletor extra clain application ap	ting multiple ms is not be 1.16(f) 1.16(g) ent(s) tement(s) the	e-dependencies eing paid at this	is encl	Filing Fee Filing	Fee Calculation	\$

□ 365(c),

and which status as a small entity is still proper and desired.

 $oxed{\boxtimes}$ A copy of the verified statement in the prior application is included.

Filing Fee Calculation (50% of A, B or C above) \$380.00

12.	Request for International-Type Search (37 C.F.R. 1.104(d))					
(comp	lete if ap	plicable	e)			
			prepare an international-type search report for this application at thal examination on the merits takes place.	e time when		
13.	Fee Pa	yment I	Being Made at This Time			
	□ Not	Enclose	ed			
		□ No	filing fee is to be paid at this time.			
	⊠ Enc	losed				
		⊠	Basic filing fee	\$380.00		
			Recording assignment (\$40.00; 37 C.F.R. 1.21(h)) (See attached COVER SHEET FOR ASSIGNMENT ACCOMPANAPPLICATION	NYING NEW		
			Petition fee for filing by other than all the inventors or person on I inventor where inventor refused to sign or cannot be reached (\$130.00; 37 C.F.R. 1.47 and 1.17(h))	oehalf of the		
			For processing an application with a specification in a non-English	n language		
			(\$130.00; 37 C.F.R. 1.52(d) and 1.17(k))	\$		
			Processing and retention fee (\$130.00; 37 C.F.R. 1.53(d) and 1.21(l))	\$		
14.	Metho	d of Pay	yment of Fees			
	×	Check	in the amount of \$ 380.00			
			e Account No in the amount of \$00 A duplinittal is attached.	icate of this		
15.	Author	rization	to Charge Additional Fees			
	⊠		ommissioner is hereby authorized to charge the following additional and during the entire pendency of this application to Account No.	-		
		×	37 C.F.R. 1.16(a), (f) or (g) (filing fees)			
		×	37 C.F.R. 1.16(b), (c) and (d) (presentation of extra claims)			
	37 C.F.R. 1.16(e) (surcharge for filing the basic filing fee and/or declaration a dated later than the filing date of the application)					

- □ 37 C.F.R. 1.18 (issue fee at or before mailing of Notice of Allowance, pursuant to 37 C.F.R. 1.311(b))
- 16. Instructions as to Overpayment
 - ☑ Credit Account No. 23-0290
 - ☐ Refund

Dated: May 21, 1999

Gerald T. Shekleton, Attorney or Agent of Record Registration No. 27,466

PTO/SB/17 (12-97)
Approved for use through 9/30/00. OMB 0651-0032
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

	Complete if Known		
CEE TO A NOMITTAL	Application Number		
FEE TRANSMITTAL	Filing Date		
	First Named Inventor	SCHIMACHER et al.	
Note: Effective October 1, 1997.	Group Art Unit	1744	
Patent fees are subject to annual revision.	Examiner Name	4.00	
TOTAL AMOUNT OF PAYMENT (\$) 380.00	Attorney Docket Number	69430	

METHOD OF PAYMENT (check one)	FEE CALCULATION (continued)				
	3. ADDITIONAL FE	ES			
1. The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:	Large Entity Small Entity Fee Fee Fee Fee	Fee Paid			
Deposit	Code (\$) Code (\$)	Fee Description	ree Paid		
Account Number 23-0920	105 130 205 65	Surcharge - late filing fee or oath			
Deposit Account Welsh & Katz, Ltd.	127 50 227 25	Surcharge - late provisional filing fee or cover sheet.			
Name Weisil & Racz, IIcu.		1			
Charge Any Additional Fee Required Under 37 CFR 1.18 at the Mailing of the	. 139 130 139 130	Non-English specification			
37 CFR 1.16 and 1.17 Notice of Allowance	147 2,520 147 2,520	For filing a request for reexamination			
- Downson Foolessel	112 920 112 920	Requesting publication of SIR prior to Examiner action			
2. X Payment Enclosed: Check Money Other	113 1,840* 113 1,840*	Requesting publication of SIR after Examiner action			
	115 110 215 55	Extension for reply within first month			
FEE CALCULATION	116 400 216 200	Extension for reply within second month			
1. FILING FEE	117 950 217 475	Extension for reply within third month			
Large Entity Small Entity	118 1,510 218 755	Extension for reply within fourth month			
Fee Fee Fee Fee Description Fee Paid	128 2,060 228 1,030	Extension for reply within fifth month			
Code (\$) Code (\$) 101 790 201 395 Utility filing fee 380.00	119 310 219 155	Notice of Appeal			
106 330 206 165 Design filing fee	120 310 220 155	Filing a brief in support of an appeal			
107 540 207 270 Plant filing fee	121 270 221 135	Request for oral hearing			
108 790 208 395 Reissue filing fee	138 1,510 138 1,510	Petition to Institute a public use proceeding			
114 150 214 75 Provisional filing fee	140 110 240 55	Petition to revive - unavoidable			
SUBTOTAL (1) (\$) .380.00	141 1,320 241 660	Petition to revive - unintentional			
(, (4)	142 1,320 242 660	Utility issue fee (or reissue)	-		
2. CLAIMS Extra Fee from Fee Paid	43 450 243 225	Design issue fee	*		
Total Claims 12 -20 = 0 X =	144 670 244 335	Plant issue fee			
Independent 1 - 3 = 0 X =	122 130 122 130	Petitions to the Commissioner	÷		
Multiple Dependent Claims X X	123 50 123 50	Petitions related to provisional applications			
1 5-W- 0 U.5-W-	126 240 126 240	Submission of Information Disclosure Stmt			
Large Entity Small Entity Fee Fee Fee Fee Fee Description Code (\$) Code (\$)	581 40 581 40	Recording each patent assignment per property (times number of properties)			
103 22 203 11 Claims in excess of 20	146 790 246 395	Filing a submission after final rejection			
102 82 202 41 Independent claims in excess of 3	149 790 249 395	(37 ČFR 1.129(a))			
104 270 204 135 Multiple dependent claim	149 790 249. 093	For each additional Invention to be cexamined (37 CFR 1.129(b))			
109 82 209 41 Reissue Independent claims over original patent	Other fee (specify)				
110 22 210 11 Reissue claims in excess of 20 and over original patent	Other fee (specify)	•			
<u> </u>					
SUBTOTAL (2) (\$) 380.00	* Reduced by Basic Filing	Fee Paid SUBTOTAL (3) (\$)			
SUBMITTED BY		Complete (if applica	ble)		
Typed or					

Reg. Number 27,466 Gerald T. Shekleton Printed Name **Deposit Account** Date User ID

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the in dividual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent a nd Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.